

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090600 Mode: Highway Status: Submitted

I-85 BUS, US-29, US-70

From/Cross Street: US 311 (Main Street) Specific Improvement Type: 8 - Improve Interchange

To: Project Category: Regional Impact

Length: 2 TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$2,175,000

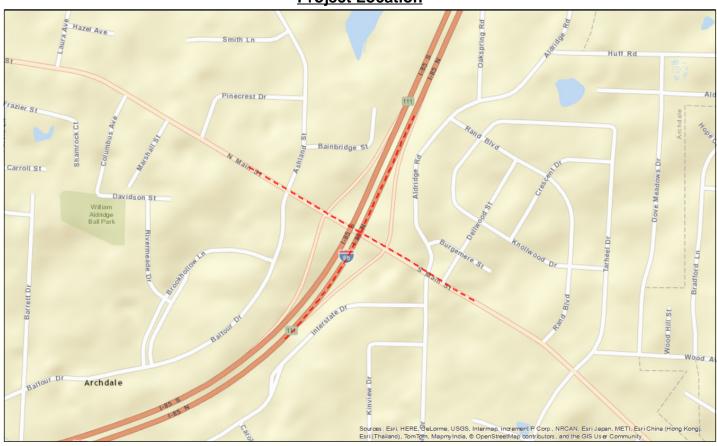
Description:

Reconstruct the Existing interchange to Better Accomodate Traffic.

Division(s): Division 8 **County(s):** RANDOLPH

MPOS(s)/RPO(s): High Point Urban Area MPO

Project Location



09/24/2014 11:09 AM Highway **1/4**

I-85 BUS , US-29, US-70 SPOT ID H090600

Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 58.24

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) [Travel Time] Benefit/Cost (25%) Safety (10%) Accessibility / Connectivity (10%) Totals: Weight: 70% Weighted Score	59.99 0.28 83.35 48.36	Percent: 15% Points: 100	Percent: 15% Points: 100

Division Needs Total Score: 20.39

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) Congestion (V/C) (20%) Safety (10%)	0.28 59.99 83.35	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 20.39			

09/24/2014 11:09 AM Highway **2/4**

Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 55 Length (miles); Multi-Lane Highway Facility Type: Full Access Control: Functional Classification: Interstate Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: 10 Roadway has Curb & Gutter? No 72541.47 Volume (AADT): Capacity: 140501.4 Volume/Capacity Ratio: 0.52 % Autos: 87% % Trucks: 13% Truck Volume: 9698.43 0 Crash Density: 0 Crash Severity: 0 Critical Crash Rate: Crash Frequency: 66.7 Severity Index: 100 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 19 Existing Median Type (for Divided Cost Estimation): Pavement Condition Rating: 100 45.2 **Actual Congested Speed:** Travel Time Index: 1.55

Project Benefits

Project Cross-Section:	
Speed Limit:	55
Length (miles):	2
Facility Type:	Multi-Lane Highway
Access Control:	Limited
Functional Classification:	Interstate
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	26000
Travel Time Savings for 30 Years (Autos):	22523.93
Travel Time Savings for 30 Years (Trucks):	3476.07
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

09/24/2014 11:09 AM Highway **3/4**

^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

I-85 BUS , US-29, US-70 SPOT ID H090600

Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 8	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
High Point Urban Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$1,875,000	Cost Estimation Tool
Right-of-Way Cost:	\$300,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$2,175,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$2,175,000	

09/24/2014 11:09 AM Highway **4/4**